

1 **Amendment to the Claims**

2 **In the Claims:**

3 Please amend Claims 1, 3-4, 6-8, 10-11, 14, 16-26, 29, 31, 32, and 35-37 as follows and add
4 new Claims 38-42:

5 1. (Currently Amended) A method for lossless editing of a media object ~~an image~~,
6 comprising the steps of:

7 (a) accessing data defining the media object ~~image~~ to produce a representation
8 of the ~~image~~ media object;

9 (b) enabling a user to selectively edit the representation of the media object ~~image~~
10 by applying a modification to the representation, ~~wherein the modification comprises the step of~~
11 ~~selectively cropping the representation~~ producing metadata that define the modification;

12 (c) rendering a modified media object ~~image~~ in accord with the modification to the
13 representation; and

14 (d) storing the metadata that define the modification applied to the representation
15 in association with the ~~image~~ media object ~~image~~, without modifying the data that define the media
16 object ~~image~~, ~~said metadata defining a selected size and a selected position of a crop outline on the~~
17 ~~representation of the image that is provided to indicate limits of a cropped image.~~

18 2. (Previously Canceled).

19 3. (Currently Amended) The method of ~~Claim 1~~ Claim 38, further comprising the steps of:

20 (a) enabling the user to again selectively edit the representation of the media
21 object ~~image~~, by applying a further modification that changes the limits of the cropped image on the
22 representation of the media object ~~image~~;

23 (b) updating the metadata to define the modification by indicating new limits of
24 the cropped image; and

25 (c) rendering the modified media object ~~image~~ in accord with the further
26 modification.

27 4. (Currently Amended) The method of ~~Claim 1~~ Claim 38, wherein the image is stored in a
28 Joint Photographic Experts Group (JPEG) format.

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1 5. (Original) The method of Claim 1, wherein the step of storing the metadata comprises the
2 step of storing a stream of the metadata in a substorage of an object linking and embedding (OLE)
3 file.

4 6. (Currently Amended) The method of ~~Claim 1~~ Claim 38, wherein the step of rendering
5 comprises the step of rendering the cropped image without portions of the representation that lie
6 outside the limits of the cropped image.

7 7. (Currently Amended) The method of Claim 6, further comprising the step of compressing
8 data for a portion of the media object image within the limits of the cropped image.

9 8. (Currently Amended) The method of ~~Claim 1~~ Claim 38, further comprising the step of
10 storing the cropped image as a JPEG stream of data in a substorage of an OLE file.

11 9. (Original) The method of Claim 8, wherein the OLE file defines a collection of one or
12 more images.

13 10. (Currently Amended) The method of ~~Claim 1~~ Claim 38, further comprising the step of
14 providing input to the metadata for storage that defines at least one of an image title, an image
15 number, an image rotation, an image width, ~~and an~~ an image height, and an image source file location
16 for the media object image.

17 11. (Currently Amended) The method of ~~Claim 1~~ Claim 38, further comprising the step of
18 perceptibly differentiating a first portion of the representation of the image from a second portion of
19 the representation of the image, wherein the first portion and second portion are demarcated by the
20 crop outline.

21 12. (Original) A machine-readable medium having machine instructions for performing the
22 steps of Claim 1.

23 13. (Previously Canceled).

24 14. (Currently Amended) A system for lossless editing of a media object ~~an image~~,
25 comprising:

- 26 (a) a processor;
27 (b) a display in communication with the processor;
28 (c) an input device in communication with the processor; and
29 (d) a memory in communication with the processor, said memory storing the
30 ~~image-media object~~ image-media object and machine instructions that cause the processor to:

1 (i) access data defining the media object image, to produce a
2 representation of the media object image;

3 (ii) enable a user to employ the input device to selectively edit the
4 representation of the media object image by applying a modification to the representation, ~~wherein a~~
5 ~~user is thus enabled to crop the representation of the image producing metadata that define the~~
6 modification;

7 (iii) render a modified media object image in accord with the modification
8 applied to the representation; and

9 (iv) store the metadata that define the modification applied to the
10 representation in association with the media object image, without modifying the data that define the
11 media object image, ~~said metadata defining a size and a position of a crop outline on the~~
12 ~~representation of the image on the display that is provided to indicate limits of a cropped image on~~
13 ~~the representation of the image.~~

14 15. (Previously Canceled).

15 16. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the machine instruction
16 further cause the processor to:

17 (a) enable a user to employ the input device to again selectively edit the
18 representation of the media object image, by applying a further modification that changes the limits
19 of the cropped image on the representation of the media object image appearing on the display;

20 (b) update the metadata to define the modification by indicating new limits of the
21 cropped image; and

22 (c) render the modified media object image on the display in accord with the
23 further modification.

24 17. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the image is stored in
25 the memory in a Joint Photographic Experts Group (JPEG) format.

26 18. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the metadata are stored
27 in the memory as a stream of data in a substorage of an object linking and embedding (OLE) file.

28 19. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the machine
29 instructions further cause the processor to render the cropped image without portions of the
30 representation that lie outside the limits of the cropped image.

1 20. (Currently Amended) The system of Claim 19, wherein the machine instructions further
2 cause the processor to compress data for a portion of the media object image within the limits of the
3 cropped image.

4 21. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the machine
5 instructions further cause the processor to store the cropped image as a JPEG stream of data in a
6 substorage of an OLE file.

7 22. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the OLE file defines a
8 collection of one or more images.

9 23. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the machine
10 instructions further cause the processor to provide input to the metadata for storage in the memory,
11 wherein said input defines at least one of an image title, an image number, an image rotation, an
12 image width, and an image height, and an image source file location for the media object image in the
13 memory.

14 24. (Currently Amended) The system of ~~Claim 14~~ Claim 40, wherein the machine
15 instructions further cause the processor to perceptibly differentiate a first portion of the representation
16 of the image from a second portion of the representation of the image, wherein the first portion and
17 second portion are demarcated by the crop outline.

18 25. (Currently Amended) A method for lossless modification of ~~an image~~ a media object,
19 comprising the steps of:

20 (a) accessing data defining the media object image to produce a representation of
21 the media object image;

22 (b) enabling a user to perform a first modification of the representation of the
23 ~~image, wherein the modification comprises at least one of the steps of cropping, rotating, and~~
24 ~~trimming the image~~ media object, producing metadata the define the first modification;

25 (c) rendering the first modification of the representation;

26 (d) storing the metadata that define the first modification applied to the
27 representation of the media object image in association with the data that define the ~~image~~ media
28 object, without modifying the data that define the media object image;

29 (e) subsequently accessing the media object image and metadata;

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1 (f) rendering the representation of the media object image as defined by the
2 metadata;

3 (g) enabling the user to further modify the first modification of the representation
4 of the media object image, to produce a second modification and producing metadata that define the
5 second modification; and

6 (h) storing the metadata that now define the second modification of the media
7 object image, without modifying the data ~~the~~ that define the media object image.

8 26. (Currently Amended) The method of Claim 25, wherein the representation of the media
9 object image comprises one of a static image, and a video image, and an audible sound.

10 27. (Previously Canceled).

11 28. (Original) The method of Claim 25, wherein the metadata comprises dimensions of a
12 crop outline.

13 29. (Currently Amended) The method of Claim 25, further comprising the step of
14 perceptibly differentiating a first portion of the representation of the media object image from a
15 second portion of the representation of the media object image to aid the user to one of perform the
16 first modification and further modify the first modification.

17 30. (Original) A machine-readable medium having machine instructions for performing the
18 steps of Claim 25.

19 31. (Currently Amended) A system for lossless modification of a media object an image,
20 comprising:

21 (a) a processor;

22 (b) an input device in communication with the processor; and

23 (c) a memory in communication with the processor, said memory storing data
24 defining the ~~image~~ media object and machine instructions that cause the processor to:

25 (i) access the data defining the media object image to produce a
26 representation of the media object image;

27 (ii) enable a user to employ the input device to perform a first modification
28 of the representation of the ~~image, wherein the modification comprises one of cropping, rotating, and~~
29 ~~trimming the image~~ media object, producing metadata that define the first modification;

30 (iii) render the first modification of the representation;

1 (iv) store the metadata that define the first modification applied to the
2 representation of the media object image in the memory in association with the data that define the
3 ~~image~~ media object, without modifying the data ~~the~~ that define the media object image;

4 (v) subsequently access the media object image and metadata in the
5 memory;

6 (vi) rendering the representation of the media object image as defined by
7 the metadata;

8 (vii) enabling the user to further modify the first modification of the
9 representation of the media object image, to produce a second modification and producing metadata
10 that define the second modification; and

11 (viii) storing the metadata that now define the second modification of the
12 media object image in the memory.

13 32. (Currently Amended) The system of Claim 31, wherein the representation of the media
14 object image comprises one of a static image, and a video image, and an audible sound.

15 33. (Previously Canceled).

16 34. (Original) The system of Claim 31, wherein the metadata comprises dimensions of a
17 crop outline.

18 35. (Currently Amended) The system of Claim 31, wherein the machine instructions further
19 cause the processor to perceptibly differentiate a first portion of the representation of the media object
20 image from a second portion of the representation of the media object image to aid the user to one of
21 perform the first modification and further modify the first modification.

22 36. (Currently Amended) A machine-readable medium having a data structure for lossless
23 modification of a media object an image comprising:

24 (a) metadata stored in association with data defining the ~~image~~ media object, the
25 metadata defining a modification that is to be applied when rendering data defining the ~~image~~ media
26 object and being produced in response to the modification, ~~wherein the modification comprises one~~
27 ~~of selectively cropping, rotating, and trimming the image~~; and

28 (b) the data defining the media object image.

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1 37. (Currently Amended) A machine-readable medium having a data structure for a
2 collection of media objects ~~images~~ comprising a substorage, wherein the substorage comprises data
3 defining a media object ~~an image~~; and metadata defining a modification that is to be applied to a
4 representation of the media object ~~image~~ when the data defining the media object ~~image~~ ~~is~~ are
5 rendered, ~~wherein the modification comprises one of selectively cropping, rotating, and trimming an~~
6 ~~image that comprises the representation of the image~~ the metadata having been produced in response
7 to the modification.

8 38. (New) The method of Claim 1, wherein the media object comprises an image, and
9 wherein the modification comprises the step of cropping the representation of the media object, said
10 metadata defining a size and a position of a crop outline on the representation of the image to indicate
11 limits of a cropped image.

12 39. (New) A machine-readable medium having machine instructions for performing the
13 steps of Claim 38.

14 40. (New) The method of Claim 14, wherein the media object comprises an image, and
15 wherein a user is enabled to crop the representation of the media object, said metadata defining a size
16 and a position of a crop outline on the representation of the image on the display, to indicate limits of
17 a cropped image on the representation of the media object.

18 41. (New) The method of Claim 25, wherein the modification comprises at least one of the
19 steps of cropping, rotating, and trimming an image that comprises the representation of the media
20 object.

21 42. (New) The system of Claim 31, wherein the modification comprises one of cropping,
22 rotating, and trimming an image that comprises the representation of the media object.